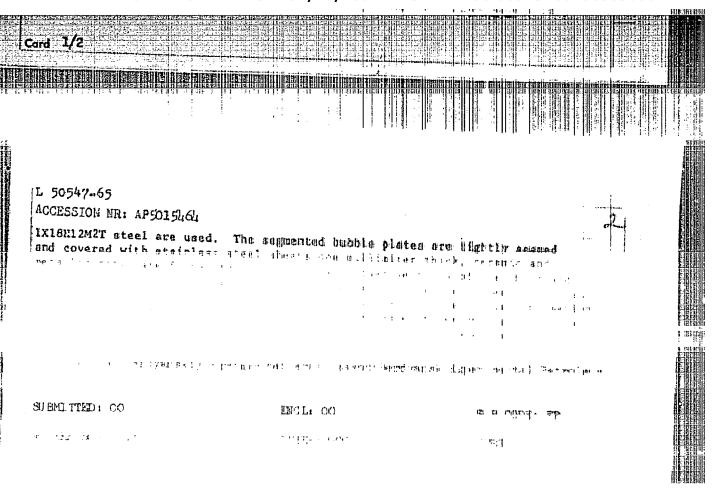
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STEPANYANTS, S.A.; GRUSHEVERKO, V.I.; ZHURHA, A.S.; MIN'ECTSKAYA, N.K.;
TRIANDAPILIDI, I.G.; MORIASHOV, 7.N.; MISHCHUK, A.A.; LAKOYDA,
Ye.P.

Work experience in a plant for rectification of synthetic fatty acids. Nefteper. i neftekhim. no.1129-11 '64 (MIRA 18:2)

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A.S.; ZHUZE, Studying the plane - Wibenzer no.1:161-106	p-V-t-N relatio	n and phase e	quilibrium in zav.; neft!, i	the ethy-	
	r institut nefte Gubkina. (Ethylene)		(MIR	A 14:10)	

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77094 sov/62-59-12-38/43

AUTHORS:

Zhuze, T. P., Zhurba, A. S., Yesakov, Ye. A.

TITLE:

Brief Communications. Investigation of P-V-t-N Relation and Phase Equilibrium in Ethylene-Cyclohexane System

Izvestiya Akademii nauk. Otdeleniye khimicheskikh nauk,

PERIODICAL:

1959, Nr 12, pp 2251-2253 (USSR)

ABSTRACT:

Investigation of binary systems of unsaturated gases and paraffins, naphthenes, and aromatic hydrocarbons, presents great practical interest in view of the high solubility of the latter in compressed unsaturated gases. P-V-t-N relationship of the ethylene-cyclohexane system was studied by the authors in a modified apparatus described by Sage and Lacey (Trans. Amer. Inst. Mining Met. Engrs., 1940, Nr 136, p 138). Isotherms V = f(p)t were traced in the range from 30 to 1500 for ethylenecyclohexane mixtures with 20 to 85 molar % ethylene, at pressures ranging from 10 atm to pressures somewhat above the saturation point of each mixture. pressures and the corresponding specific volumes were determined from these isotherms, and dew point pressures were established in a series of separate experiments.

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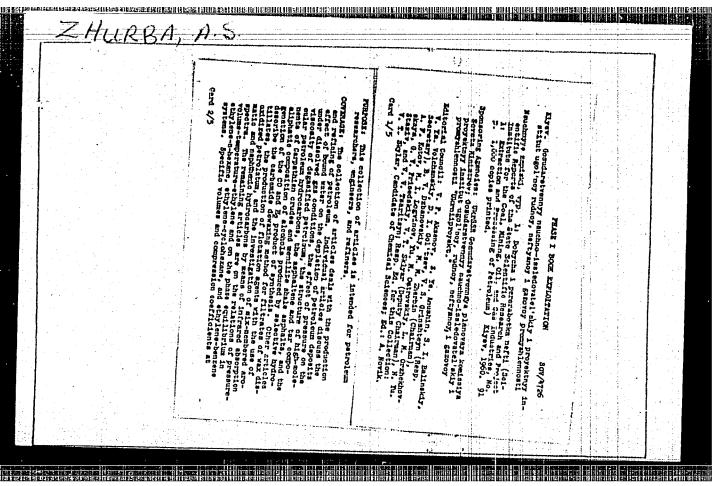
Brief Communications. Investigation of P-V-t-N Relation and Phase Equilibrium in Ethylene-Cyclohexane System

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77094 S0V/52-59-12-38/43

Data thus obtained, served to trace isotherms p = f(N)t (where N is the molar share of ethylene dissolved in cyclohexane); isotherms of the equilibrium constant for ethylene and cyclohexane, K = f(P)t; and isotherms of molar volumes V_M of the binary system plotted against molar share N₂ of ethylene at 50 atm. In this manner, the composition of the coexisting cyclohexane at pressures up to 100 atm, and the molar volumes of mixtures at their saturation pressures, were determined in the temperature range from 30 to 125°. Molar volume isotherms at low temperatures were practically linear up to N₂ = 0.65; at higher starting with N₂ = 0.50. There are 3 figures; and B. H. Sage, W. N. Lacey, Trans. Amer. Inst. Mining.

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R002065030004-1



ZHURBA, A. S., Cand. Chem. Sci. (diss) "Study of Relationships between Pressure, Volume, and Temperature in Systems of Ethylenen, Hexane, Ethylene-Cyclohexane and Ethylene-Benzol." Kiev, 1961, 15 pp. (Kiev State Univ.) 150 copies (KL Supp 12-61, 255).

Sklyar, V. T., A. P. Lizogub, A. F. Mal'nev, and G. A. Puchkov- skaya. Study of Six-Membered Aromatic and Naphthenic Hy- drocarbons by Infrared Absorption Spectra 25 Sklyar, V. T., L. M. Samtsova, T. G. Sokolova, and N. V. Aref'yev. Asphaltene and Tar Components of Some Carpathian Petroleums and Asphalts of Menilite Shales 30 Sabirova, G. V., G. M. Shapovalov, and V. N. Karaseva. Pro- duction of an Effective Flotation Agent Based on Oxidized Pe- trolatum Zhurba, A. S., and T. P. Zhuze. Comparison of the Ethylene-n- Hexane, Ethylene-Cyclohexane, and Ethylene-Benzene Systems by ethylene in the mixture] Relations and Phase Equilibrium 68 Zhuze, T. P., and A. S. Zhurba. Specific Volumes and Com-	Sklyar, V. T., A. P. Lizogub, A. F. Mal'nev, and G. A. Puchkov- skaya. Study of Six-Membered Aromatic and Naphthenic Hy- drocarbons by Infrared Absorption Spectra Sklyar, V. T., L. M. Samtsova, T. G. Sokolova, and N. V. Aref'yev. Asphaltene and Tar Components of Some Carpathian Petroleums and Asphalts of Menilite Shales Sabirova, G. V., G. M. Shapovalov, and V. N. Karaseva. Production of an Effective Flotation Agent Based on Oxidized Petrolatum Zhurba, A. S., and T. P. Zhuze. Comparison of the Ethylene-n- the p-v-t-N [pressure-volume-temperature-molar fraction of the p-v-t-N [pressure-volume-temperature-molar fraction of thylene in the mixture] Relations and Phase Equilibrium Anuze, T. P., and A. S. Zhurba. Specific Volumes and Com- pression Coefficients of the n-Rexane-Ethylene System in the interval of Pressure to 150 atm and Temponeture System in the	Scientific Reports (Cont.) SOV/472	26
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SIDORENKO, M.F., kand.tekhn.nauk; NAZARENKO, V.R., inzh.; SUKHOYVANOV, A.N., inzh.; ZHURBA, Gal., inzh.

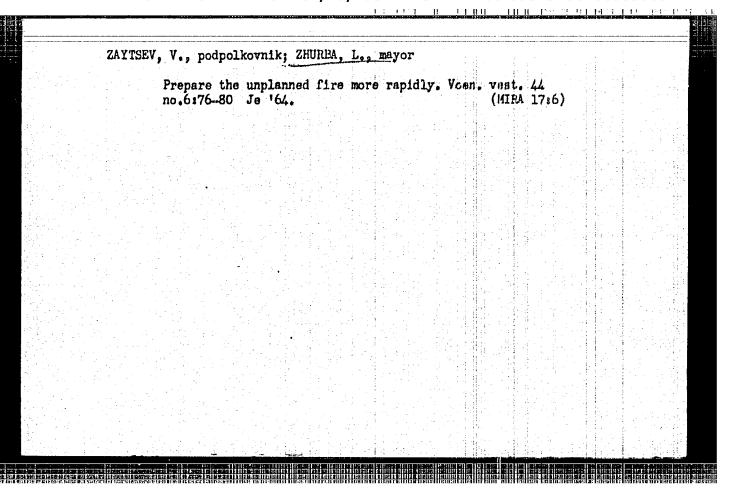
Effect of modifying agents on the properties of heat-resistant austenite steels. Mashinostroenie no.6:60-61 N-D 165.

(MIRA 18:12)

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AUTHORS: S: (Engineer);	idorenko, M. F. (Candidate of t Sukhoyvanov, A. N. (Engineer)	edhnical sciences); Y Zhurba, G. I. (Er	lazerenko, V. R.	
ORG: none				89
TITLE: Infl	uence of modifiers on the prop	erties of heat-resis	ting eustenitics	0
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AUTHORS: Pasnukanis, F. I., Zhurba, G. I., Engineers TITLE: GOST 10052-62 for steel electrodes intended for arc welding high-alloy steels with particular properties PERIODICAL: Svarochnoye proizvodstvo, no. 8, 1962, 30 - 31 TEXT: GOST 10052-62 will replace GOST 2523-51 and will become effective from July 1963. The particular features of this standard are: the number of electrode types is increased from 11 to 27. Requirements to the weld metal include its composition (higher S and P content, up to 1.3% Si) its x -phase content to assure hot crack resistance, and its intercrystalline corrosion resistance. The standard contains an appendix with data on the hasic properties and the approximate destination of all electrode types. Some additional information on the designation of each electrode type is also given.		
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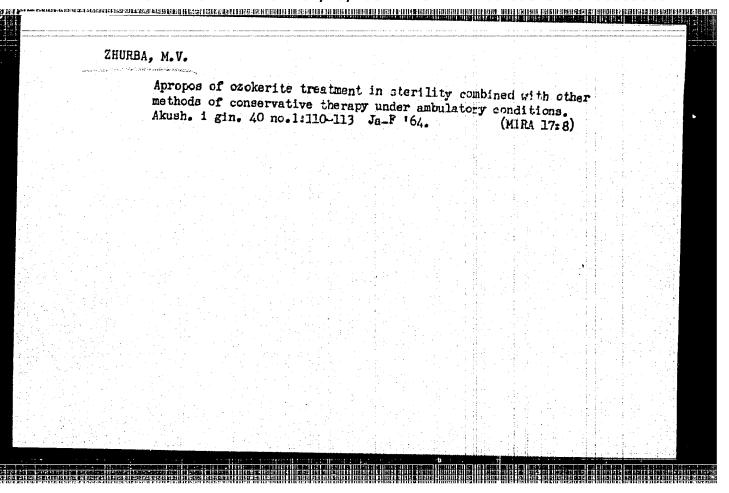


ZHURBA, L.T.

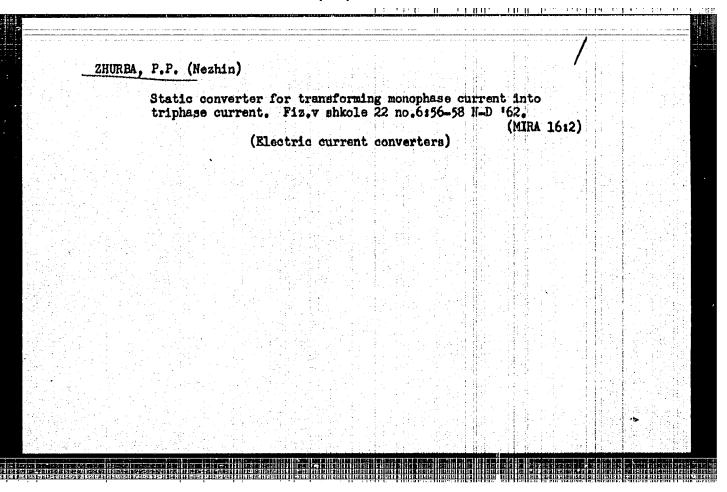
Neurological changes in children born in a severe asphyxia.

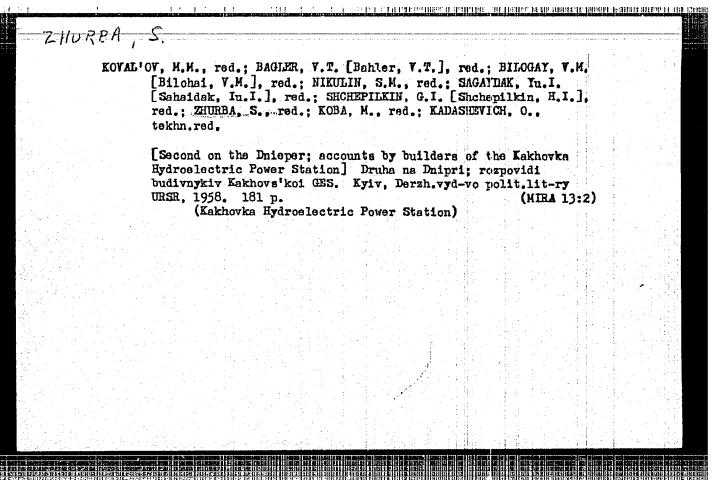
Zhur. nevr. i psikh. 64 no.7:965-969 '64. (MIRA 17:12)

1. Klinika nervnykh bolezney detskogo vozrasta (zaveduyushchiy - prof. D.S. Futer) Nauchno-issledovatel skogo pediatricheskogo instituta (direktor - V.P. Spirina) Ministerstva zdravočkhraneniya RSFSR na baze detskoy klinicheskoy bol'nitsy No.1 (glavnyy vrach N.S. Bonova), Moskva.



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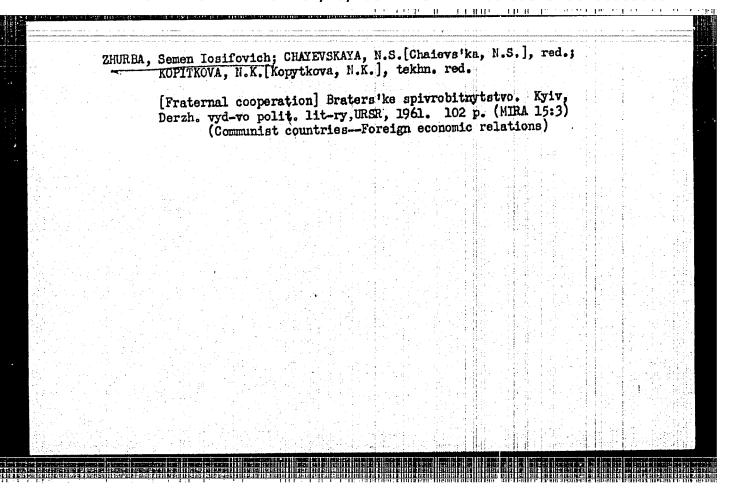
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KRIVEN', Pavel Vasil'yevich [Kryven', P.V.], prof.; ZHURHA, S.I., otv. red.; SKRIPNIK, V.T. [Skrypnyk, V.T.], red.; MATVIICHUK, O.A., tekhn. red.

[Law on the increasing production of the means of production and the establishment of the economic and technical foundation of communism]

Zakon perevazhnoho rozvytku vyrobnytstva zasobiv vyrobnytstva i stvorennia material no-tekhnichnoi bazy kommizmu. Kyiv, 1961. 47 p. (To-varystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.3., no.7)

(Economics)



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ZHURRA, T.T.; OLIYNIK, M.M. [Oliinyk, M.M.] [PONCMAR'OV,S.H.], kand. tekim. mauk

Dyeing of swede and buffed-grain leather. Leh. prem. no.2:
37-42 Ap-Je '63. (Mira 16:7)

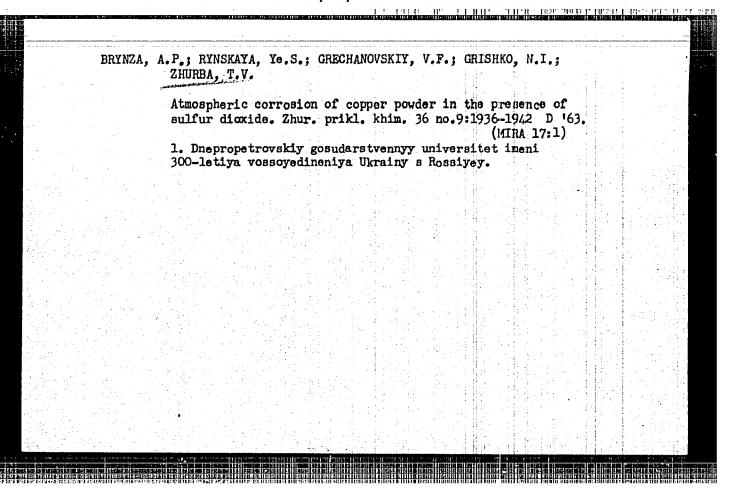
1. Ukrainskiy nauchno-issledovatel'skiy institut kczhevenno-obuvnoy promyshlennosti.
(Dyes and dyeing-Leather)

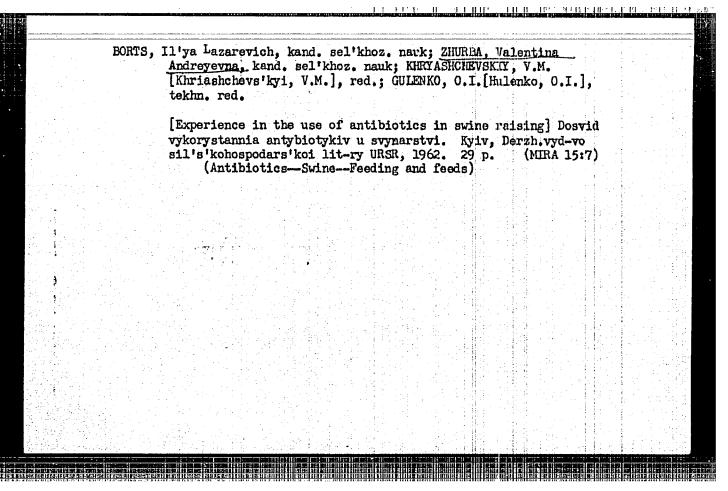
LIVYY, G.V., kand.tekhn.nauk; KHRIPIN, A.G., inzh.; BHAGINSKIY, M.A., inzh.; KARHUHHIN, G.G., inzh.; FASTOTETE, O.S., inzh.; ABRAMSKAYA, L.B., inzh.; BEREZOVSKAYA, M.G., inzh.; TERESHCHENKO, F.P., inzh.; Prinimali uchastiye: OLEVNIK, N.N.; ZHURBA, T.T.; GORONOVSKAYA, M.A.; SHAVZIN, A.I.; GERTSVOLIF, B.S.

Unit for dynamic drying of chrome leather. Report No.1. Nauch.issl.trudy Ukr NIIKP no.13:89-106 '62. (MIRA 18:2)

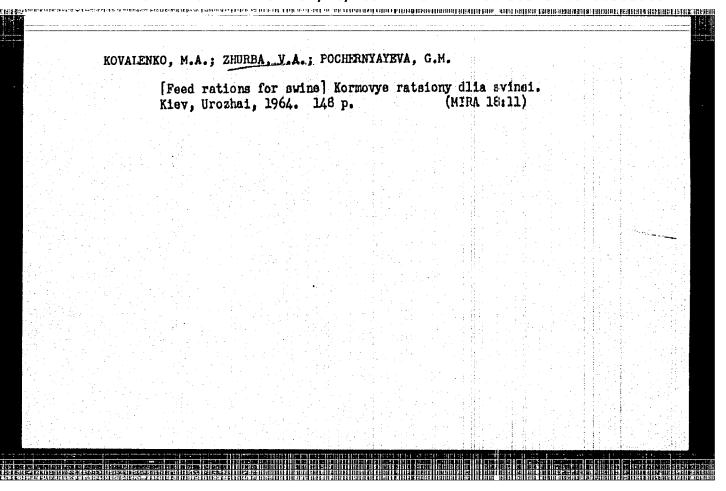
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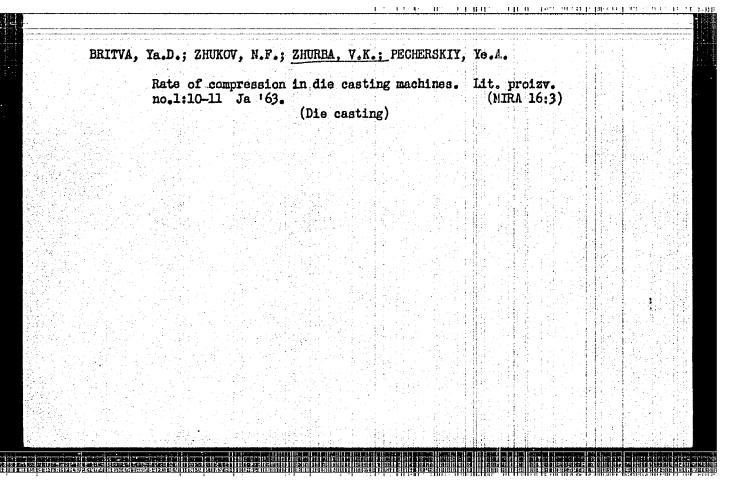
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ZHURBA, V. A.: Master Agric Sci (diss) --- "The metabolism and productivity of fattened young pigs with various quantities of corn in their feed". Khar'kov, 1958. 19 pp (Min Agric USSR, Khar'kov Zootechnical Inst), 150 copies (KL, No 1, 1959, 122)





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State," Zhur. Obshch. Khim., 12,	Nos. 3-4,	1942.				
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Drum for removing deposits from heat and fire tubes of narrow-gauge locomotives. Torf. prom. 35 no.3:34-35 '58. (MIRA 11:5) 1.Torfopredprivative Naziva. (Locomotive boilers)	GUSEV,	a to				Market (1)	ge t											
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AUTHORS:

Britva, Ya.D., Zhukov, N.F., Zhurba, V.K., Pecherskiy, Ye.A.

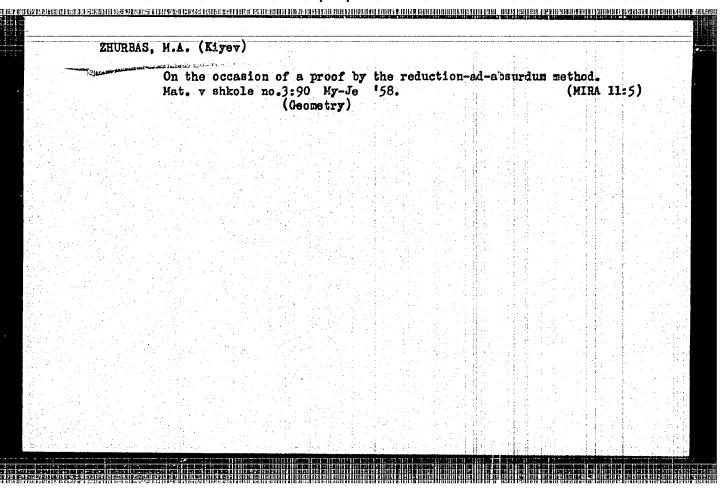
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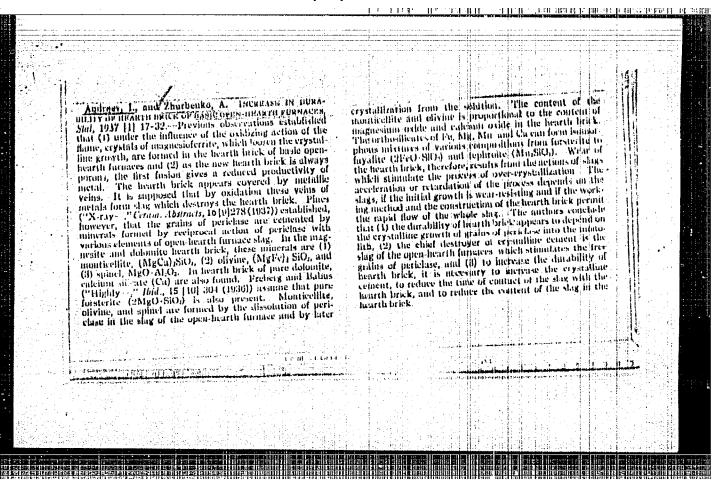
On the problem of pressing rate in die-casting machines

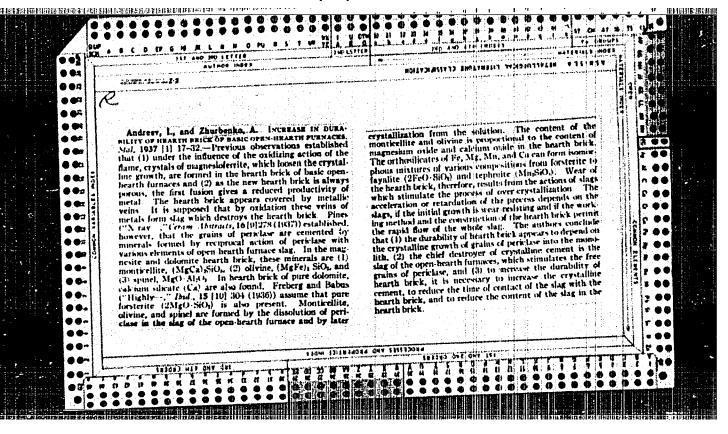
PERIODICAL: Liteynoye proizvodstvo, no. 1, 1963, 10 - 11

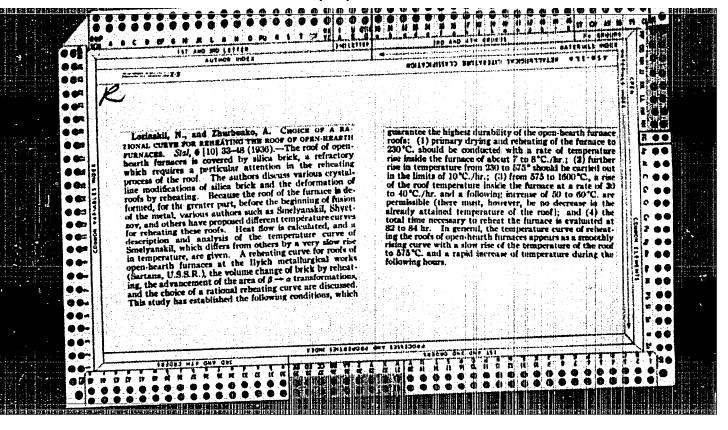
TEXT: To vary the pressing rate during die-casting, it is necessary to change over from the differential feed of the hydraulic fluid to the cylinder to the non-differential feed. An accurate determination of the change-over moment requires a device which measures the rate of pressing. A prototype model of a device determining the average speed of the plunger over a distance of at least 10 mm has been developed by the Novosibirsk "Siblitmash" Plant. The time intervals in which the plunger travels the necessary section of stroke are determined by two contact pickups which are mounted on the path of travel of the press plunger. The authors present a brief description of operation and a block diagram of the device. There are 2 figures.

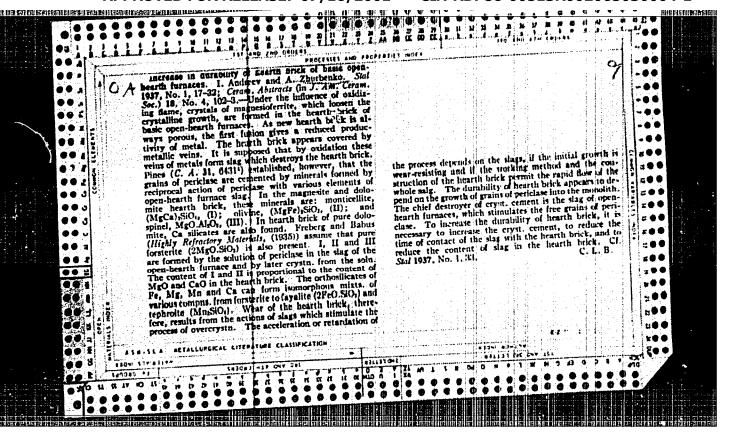
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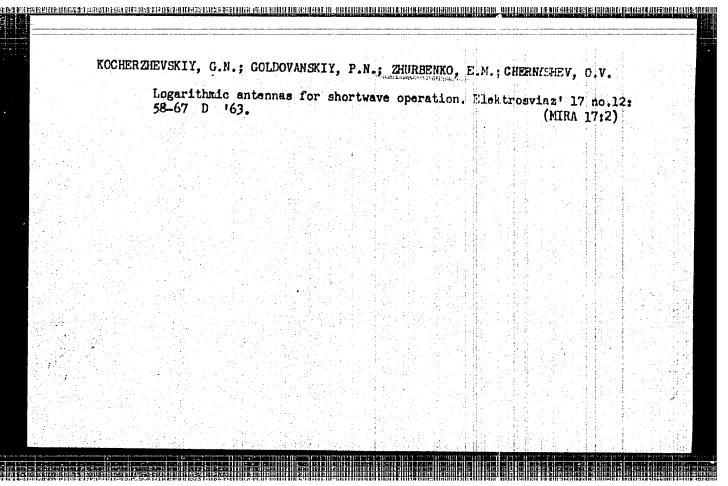






•	ACCESSION NR: AP4041000 S/0106/64/000/006/0012/0018
	AUTHOR: Kocherzhevskiy, G. N.; Goldovanskiy, P. N.; Zhurbenko, E. M.; Gherny*shev, O. V.
	TITLE: Input impedance of short-wave log-periodic antennas SOURCE: Elektrosvyaz', no. 6, 1964, 12-18
	TOPIC TAGS: antenna, short wave antenna, log periodic antenna, antenna input impedance, radio communication
	ABSTRACT: The results of an experimental investigation of the input impedance of some spatial and planar log-periodic antennas are reported. Input-resistance vs. frequency curves are presented on the basis of measurements in the $200-1,000$ -mc band; a spatial antenna with a trapezoidal radiator and $\omega=140$, $\varphi=0.86$, and $\psi=200$ was tested. Similar curves are reported for two other
	antennas having triangular radiators and $\alpha = 30^{\circ}$, $\gamma = 0.9$, and $\gamma = 20^{\circ}$ and 40° .

The results of experime raising the characterist A formula and graphs a	ents intended to raise ic impedance of the re offered for calcul	distribution feeder	r are also pres	
periodic antennas. Ori ASSOCIATION: MEIS (SUBMITTED: 21Sep63	g. art. has: 13 figu:	res, 4 formulas, a	and I table.	
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ZHURBIN, A. I.

Mor., Central Breeding Sta., All-Union Sci. Res. Cotton Inst., Tashkent. -1941-.

Mbr., Inst. Botany & Zoology, Uzbekistan Acad. Sci., -1944-.

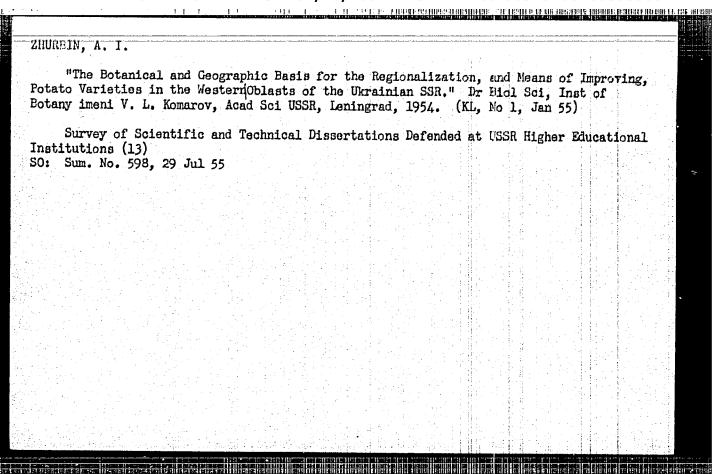
"Polyploids in Cotton Experimentally Produced by Colchicine Treatment,"

Dok. AN, 30, No. 6, 1941.

"Influence of Grafting upon the Generative Sphere in Cotton-Flant, ibid. 46, No. 9, 1945.

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	l. Kafedra b meditsinskog	piologii i botanik go instituta.	i (zav	prof. A.I.	Zhurbin)	L'vovakog	go

ZHURE	IN, A.I.					
	New interspecific My '61.	hybrids of poplar.	Bot. shur	. 1,6 no	. 5:710-718 (MIRA 14:7)	
	l. L'vovskiy medit	sinskiy institut. (Poplar)				

Name: ZHURBIN, Aleksey Ivanovich

Dissertation: Botanic and geographic basis of regionalization and

means for improvement of potato strains in the

western areas of the UkssR

Degree: Doc Biol Sci

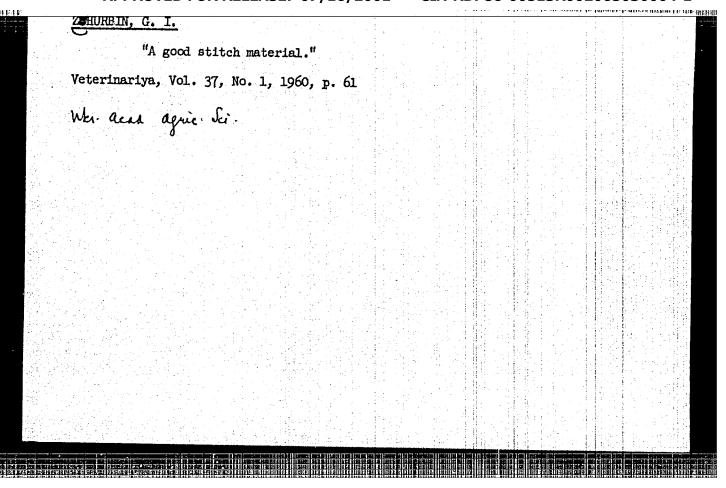
Affiliation: L'vov State Med Inst

Defense Date, Place: 19 January 55, Council of the Botanical Inst

imeni Komarov Acad Sci USSR

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ZHURBIN	G.I.									
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MOROZOV, V. F Oblast')	and ZHU	RBIN, L. M.	(Veterinary	Doctors,	City of Sheh	ors, Cherno	gov
"Treatmer	nt of cat	tle in case	s of acute t	ympany"			
Veterinariya,	vol. 39,	no. 8, Aug	rust 1962, p.	54			

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Investigation and helium.	ng the structure.	are of no.	strong s 4:645-65	shock waves	i in	hydrogen (MIRA	16:12)	
1. Institut	mekhaniki AN	SSSR.						

TARASOVA, L.; KHROMOV, A., ZHURBINA, S., LEVINA, A.

Surprise inspection in Perm. Rabotnitsa 36 no.2:18-19 F '58.
(MIRA 11:2)

1. Starshiy inspektor Ministerstva prosveshcheniya RSFSR (for Tarasova). 2. Inspektor shilishchno-bytovogo otdela vsesoyusnogo tsentral'nogo soveta profsoyusov (for Khromov). 3. Korrespondenty zhurnala "Rabotnitsa" (for Zhurbina, Levina)
(Xindergartens)
(Day nurseries)

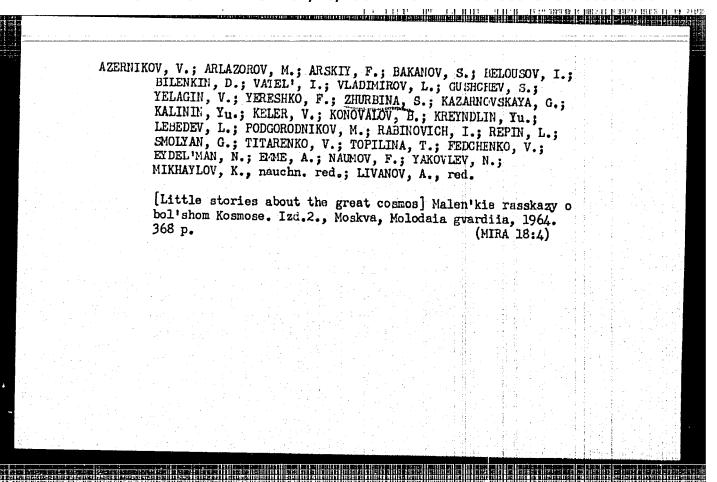
TAKARLYKOVA, S., rabotnitsa; REPINA, N.; ZHURBINA, S., korrespondent; SHCHELOKOV, M., korrespondent

We owe it to our children. Rabotnitsa 36 no. 6:19 Je '58.

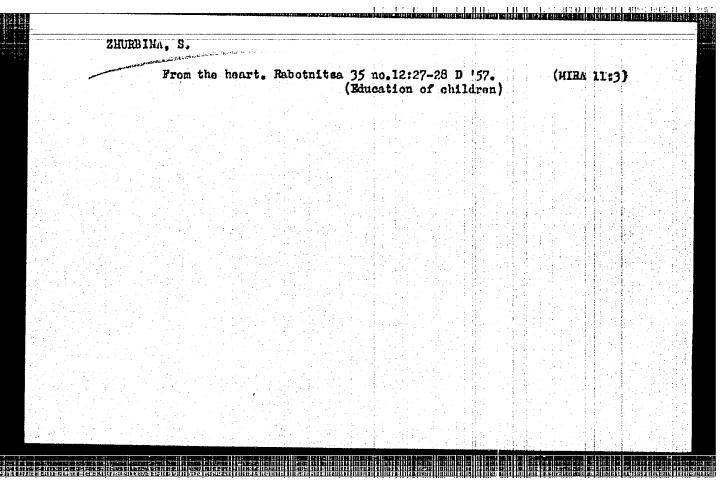
(MIRA 11:8)

1. Reydovaya brigada zhurmala "Rabotnitsa" v Kazani. 2. Deputat Kazanskogo gorseveta (for Takarlykova). 3. Glavnyy inzhener shveynoy fabriki No. 9, deputat Kazanskogo gorseveta (for Repina).

(Tatar A.S.S.R..--Children's clothing)



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USSR / Virology. Human and Animal Viruses. Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 5,1959, 19364.

Author : Zhurbina, V. I.

+ Moscow Scientific Research Institute of Vaccines Inst

and Sora.

Titlo : Filtrable Forms of Rickettsiae Prowazeki.

Orig Pub: Tr. Mosk. n.-i. in-ta vaktsin i syvorotok, 1958,

11, 287-306.

Abstract: The study of filtrates of old, fresh and spontaneously lysed Rickettsiae by passage through chick embryos and guinea pigs demonstrated the presence of filtrable forms in all samples. The largest quantity of regonerated Rickettsiae was found in the filtrates of frosh and spontaneously

regenerated Rickettsiae prepared in Martin's broth, pH 8.0, passed through the filter of Zeitz

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Flocculation reaction as a method for determination of complet antigens of microbes of the intestinal group in the NIISI polyvaccine. Zhur.mikrobiol.epid.i immun. 31 no.8:96-101 Ag (60. (MIRA 14:6)							
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- 2. USSR (600)
- 4. Bacteriophagy
- 7. Nature of bacteriophage. Mikrobiologiia 21 no. 6, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

ZHURBINA, V. I., KRESTOVKINOVA, V. A. and ISMAYLOVA, N. B.

"USSR Investigation of Nature of Bacteriophage", Mikrobiologiya, Vol. 21, No. 6, pp 721-733, 1952.

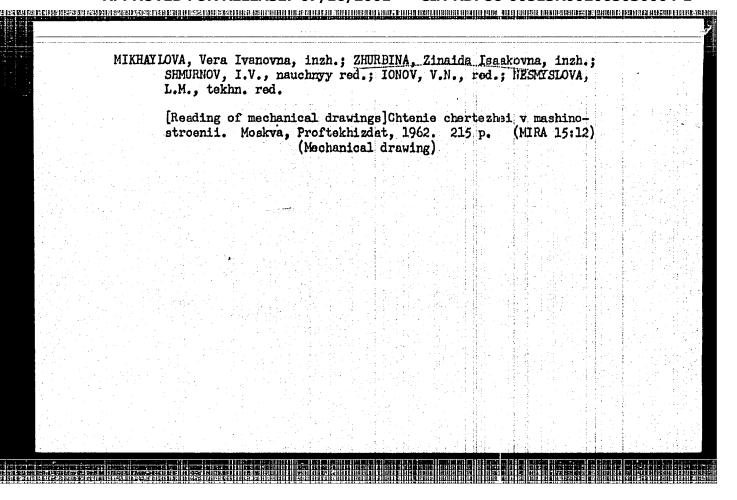
Institute of Microbiology, Epidemiology, and Infectious Diseases imeni I. Mechnikov, Moscow,

SOD W-26263, 19 May 1953

KOSSOVA, A.K.; ZAMUKHOVSKAYA, A.N.; SHANINA, V.I.; ZHURBINA, V.I.; SURNINA, T.I.; SNIRNOVA, Ye.A.

Immunological characteristics of complex antigers to microbes of the enteric group obtained by means of the tryptic digestion method. Nauch. osn. proizv. bakt. prep. 10:33-42 '61. (MIRA 16:7)

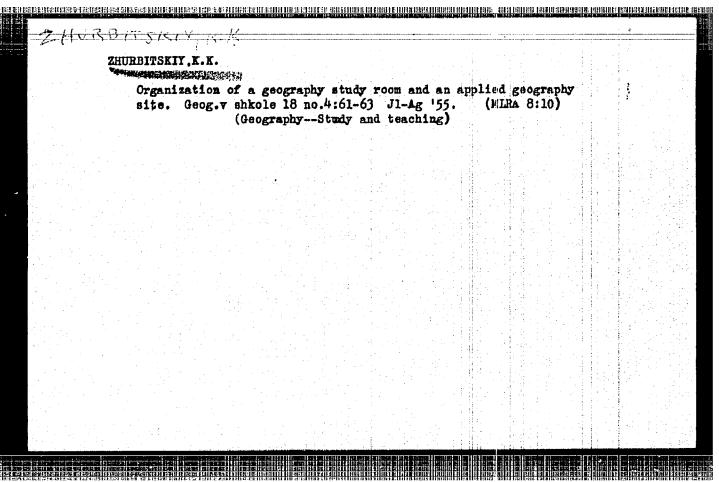
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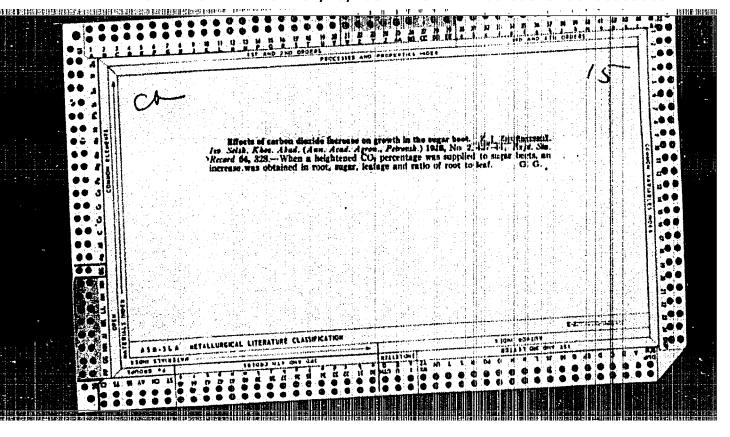
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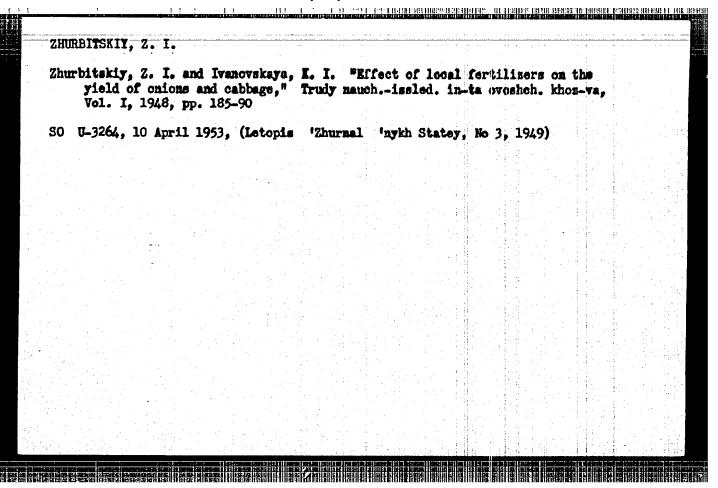
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Zhurbitskiy, Z. I.

Dissertation: "Physiological Nature of Mineral Feeding for Vegetable Plants as a Basis for the Efficient Utilization of Fertilizers."

26 November 49

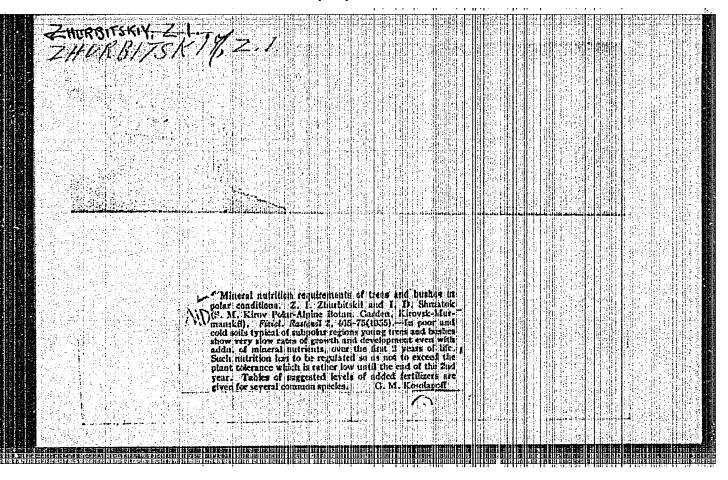
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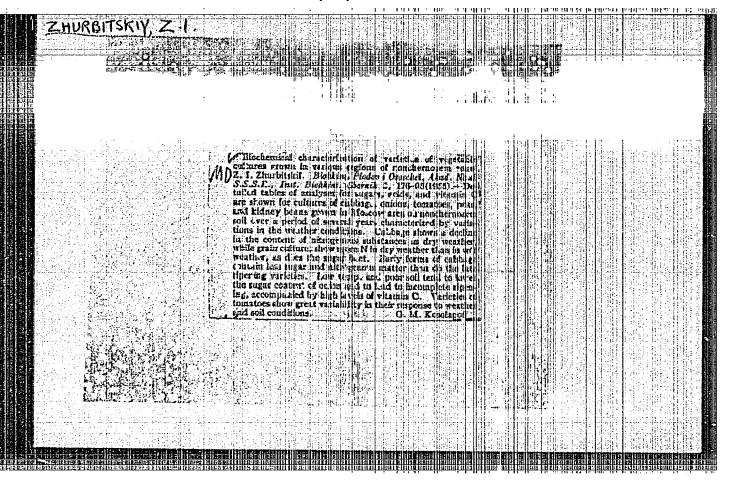
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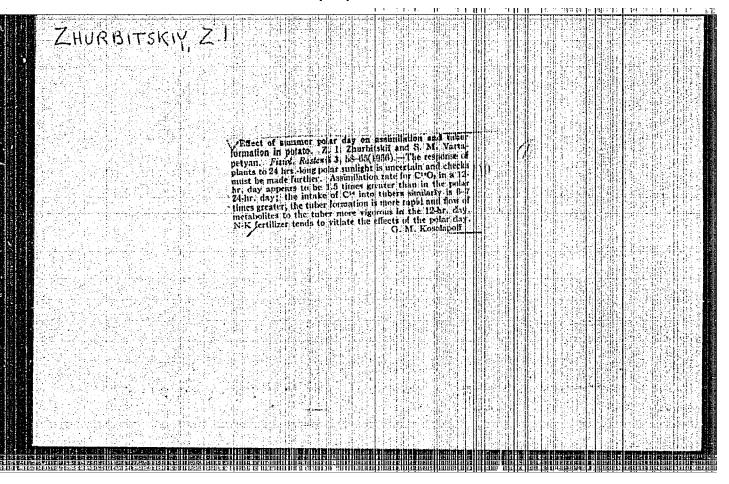
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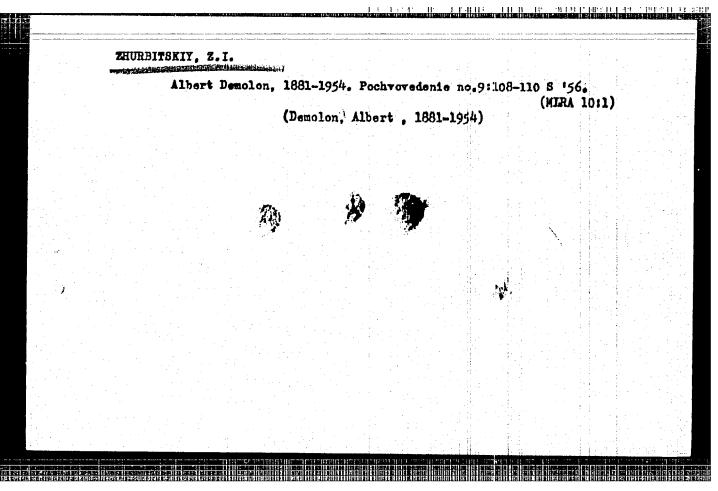
ZHURBITSKIY, Z. I. USSR/Agriculture - Plant Physiology Card 1 1/1 Authors Zhurbitskiy, Z. I., and Shtrausborg, D. V Title Effect of temperature on phosphorus and calcium absorption by plants Periodical : Doki. AN SSSR, 96, Ed. 5, 1065 - 1067, June 1954 Abstract The effect of temperature on the individual feeding elements (phosphorus calcium) of plants was investigated. This investigation is of parti-cular importance for morthern agricultural regions where lower temperatures retard the growth of plants and the brief vegetation period necessitates finding much faster rates of plant growth and development. One reference. Tables. Institution : Academy of Sciences, USBR, Kolsk Branch Presented by : Academician, A. L. Kursanov, April 12, 1954

ZHURBITSKIY, Z. I. USSR/Biology - Plant Physiology : 1/1 Card : Zhurbitskiy, Z. I. and Vartapetyan, S. M. Authors Title 1 Effect of boron on the migration of nutritive elements in plants Periodical : Dokl. AN SSSR, 96, Ed. 6, 1249 - 1251, June 1954 Experiments with young plants showed a considerable effect of boton de-Abstractficiency on the adoption of phosphorus by the plants and particularly on the migration of nutritive elements (phosphorus) from the root system to the sprout above ground. This effect of boron on the migrat on of mineral nutritive elements as well as on the migration of organic substances emphasizes the great importance of this element. Two references. Tables, illustrations. Institution : Acad. of Sc. USSR, The S. M. Kiroy Branch Presented by : Academician A. L. Kursanov, April 12, 1954

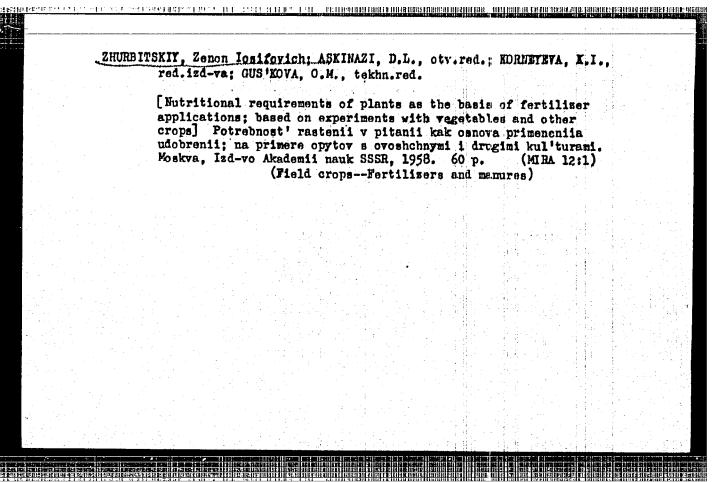


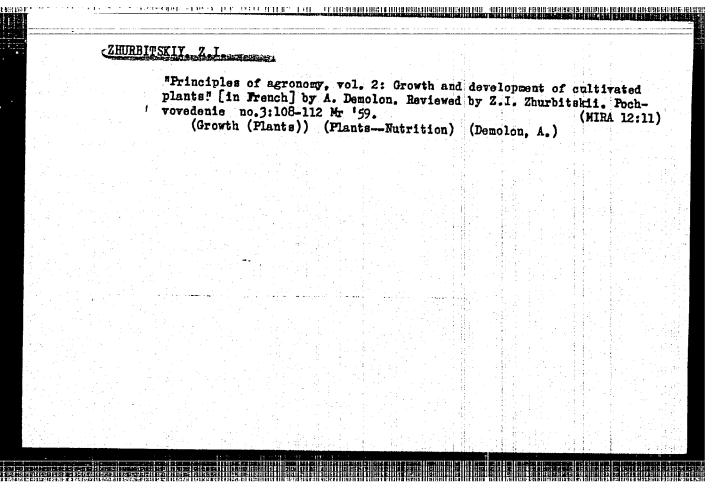




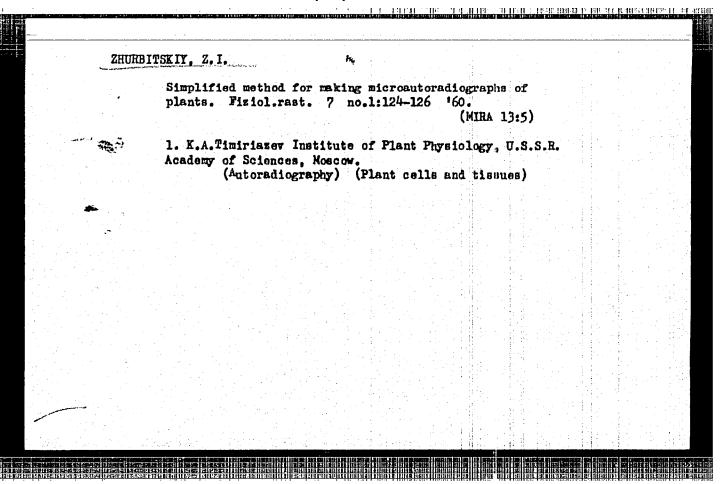


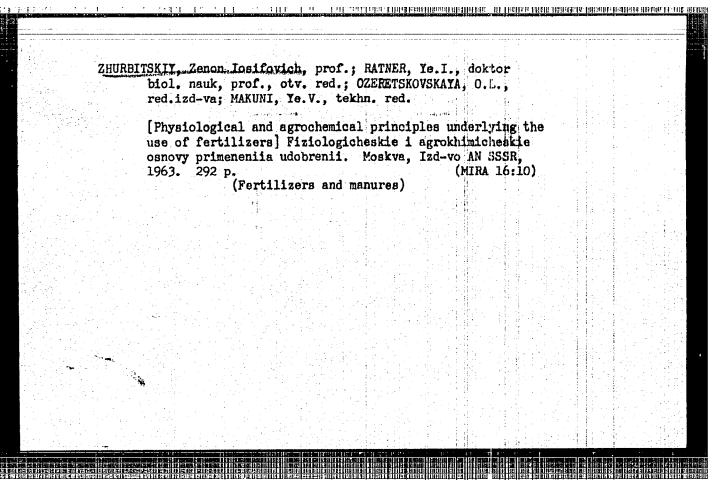
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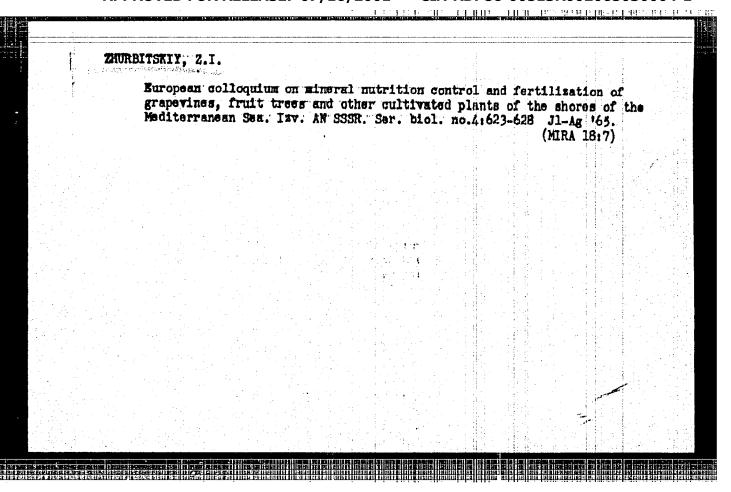


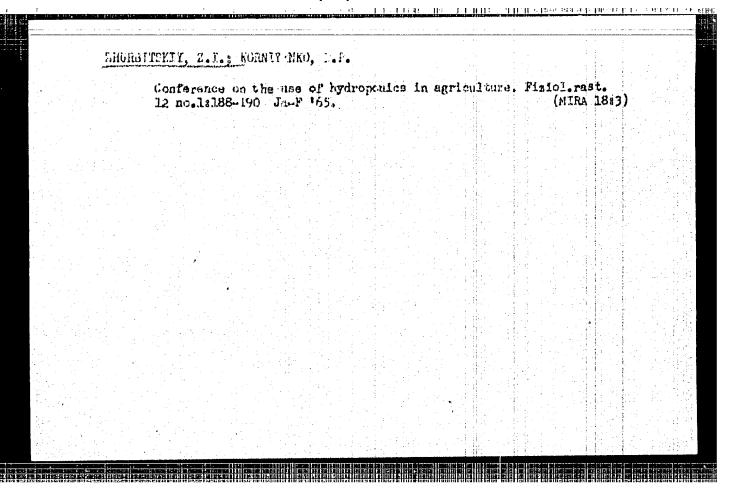


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BALASHEV, L.L., prof.; GRICOR'YEV, N.G., kand. biol. nauk;

ZHURBITSKIY, Z.I., prof.; PETERBURGSKIY, A.V., prof.;

POPOV, P.V., kand. sel'khoz. nauk; RADKEVICH, P.Ye., prof.;

SOKOLOV, A.V.; TURCHIN, F.V., prof.; SHKONDE, E.I., kand.

sel'khoz. nauk; SHTERNBERG, M.B., kand. biol. nauk;

VOL'FKOVICH, S.I., akademik, red.; KORNEYEV, N.Ye., kand.

veter. nauk, red.; NAYDIN, P.G., prof., red.; PLESHKOV, B.P.,

kand. sel'khoz. nauk, red.; POPOV, I.S., akademik, red.;

ROMASHKEVICH, I.F., kand. sel'khoz. nauk, red.; FODE, A.A.,

prof., red.; ROZOV, N.N., prof., red. FATUYERUMARENTAL.

[Chemicalization of agriculture; scientific and technical dictionary handbook] Khimizatsiia sel'skogo khoziaistva; nauchno-tekhnicheskii slovar'-spravochnik. Moskva, Nauka, 1964. 398 p. (MIRA 17:10)

1. Chlen-korrespondent AN SSSR (for Sokolov). 2. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Popov)

[Plant feeding at low temperatures] Pitanie rastenii pri ponizhennykh temperaturakh. Moskva, Nauka, 1965. 141 p. (MIRA 18:4)		
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ZHURBITSKIY, Z.I., otv. red.; GENKEL', P.A., red.; GUNAR, I.I., red.;

POTATOV, N.G., red.; POTEKHINA, N.A., red.

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1. Akademiya nauk SSSR. Institut fiziologii rastenii.

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